

JUL 27 1994



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To Brent Gilhousen

Date 7/21/94

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JUL 27 1994

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TECHNICAL STATUS REPORT

CH2M HILL

PREPARED FOR: Tom Post/EPA Region 10

DATE: July 6, 1994

COPIES TO: Edwin Liu/RP (2)
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TECHNICAL STATUS REPORT

PREPARED FOR: Tom Post/EPA Region 10
PREPARED BY: Patt O'Flaherty/CH2M HILL
COPIES: Byung Maeng/Ecology NWRO
DATE: July 6, 1994
SUBJECT: Rhône-Poulenc Monthly Status Report
SITE NAME AND LOCATION: Rhône-Poulenc, Inc./Seattle Plant
Tukwila, WA
REPORTING PERIOD: June 1 through June 30, 1994
PROJECT: NPE35051.A1

Following is CH2M HILL's technical status report summary for the RCRA Corrective Action Project at Rhône-Poulenc's (RPI) Seattle Plant. This status report summarizes activities implemented and planned for this Corrective Action project and is intended to be transmitted to U.S. EPA Region 10 in fulfillment of the monthly progress reports required in Consent Order No. 1091-11-20-3008(h).

Progress Made This Reporting Period

Task A1-Project Management

A meeting was held on June 21, 1994 at CH2M HILL's office to discuss the Round 1 results. In anticipation of a meeting with U.S. EPA, a package of information prepared by RPI & CH2M HILL was provided to U.S. EPA on June 17. A summary of the package contents is attached. U.S. EPA (Post and Fuentes), RPI (Liu), Hays Consulting (Hays), and CH2M HILL (Holsten, O'Flaherty, Vadera, Antipas, and Mavis) attended the meeting.

On June 9, ETC (D. Liu) notified CH2M HILL (O'Flaherty) that the project records were being shipped to ETC's Mid-Pacific laboratory.

One June 23, ETC/Mid-Pacific laboratory (Beth Hagen) submitted a statement of qualifications to CH2M HILL. ETC's QA Officer (Jim Harper) has been working with Ecology's certification program and CH2M HILL (Antipas) to obtain Washington State certification. ETC expects resolution on this issue soon; Ecology has been optimistic about the certification based on existing lab accreditation data. Washington State TPH tests will need to be evaluated in a blind performance test.

Task A3-Interim Measures

RPI and CH2M HILL personnel continue to monitor wells for LNAPL in the vicinity of the toluene plume. All Upper Aquifer wells at the site were monitored for LNAPL on June 17. LNAPL was not detected in any wells on June 17 with the following two exceptions:

- A slight sheen was noted on the water surface in well H-10.
- Approximately 1 inch of LNAPL was present in the hydrophobic recovery sump set in well MW-12.

Task A5-RFI Field Investigation

RPI contacted Kenworth Truck located directly north of the Facility because Kenworth is undertaking a MTCA independent cleanup of their groundwater. RPI hopes to obtain some hydrological information from Kenworth.

CH2M HILL measured groundwater levels in all wells at the site on June 23. The measurements coincided with a high tide and were completed within approximately one hour. The data will be used to prepare a potentiometric contour map for comparison to a similar map prepared from February 1994 data. The February 1994 data represent groundwater flow during the time Kenworth was reportedly extracting groundwater at approximately 50 gpm (pumping was reportedly terminated in May 1994). Comparison of the two data sets may indicate if pumping at the Kenworth site influences groundwater flow at the Facility.

Task A6-RFI Data Evaluation & Report

Round 1 data entry and validation has been completed. Copies of the groundwater, soil, and sediment results were provided to U.S. EPA. The data were sorted by (1) all detected constituents and (2) MTCA Method C exceedances. ETC's data packages were found to be over 90% complete and acceptable per CLP protocols. However, it should be noted that the herbicide data were deemed unacceptable and the pesticide data were qualified.

Preparation of logs for approximately 60 RFI borings began. The logs are being prepared using GTGS software.

Deliverables Submitted

The May Progress Report was submitted to U.S. EPA on June 9, 1994.

A package of Round 1 groundwater, soils, and sediment information was submitted to U.S. EPA on June 17, 1994 (see attached list).

A summary of RFI Round 1 Analytical Results was submitted to RPI and U.S. EPA on June 21, 1994.

A review of the Round 1 Investigation including meeting agenda, results summary and interpretation, and proposed Round 2 approach was submitted to RPI and U.S. EPA on June 21, 1994.

Activities Planned During Next Reporting Period

Task A5-RFI Field Investigation

The Round 2 RFI field work may begin in late July if U.S. EPA's comments on CH2M HILL's proposed approach are received in early July.

Groundwater samples for herbicides analyses will be resampled (from the same Round 1 monitoring wells) during the Round 2 field effort. This will complete the Appendix IX analyses.

Task A6-RFI Data Evaluation & Report

Boring log preparation is should be completed in July. A potentiometric map will be prepared using the groundwater level data collected on June 23.

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